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LABORATORY SERVICES DIVISION

June 10, 1986

FamTeel Metals

Ms. Doris Ling
USEPA Contract Lab Program
Sample Management Office (SMO)
300 North Lee Street
Alexandria, Virginia 22314

Dear Ms. Ling:

Enclosed are resubmitted Forms VIII and IX for Case ⁵⁷²⁰5772. These should correct the pesticide problems noted in the CCS results.

If there are any questions, please call me at (412) 788-1080, Extension, 409.

Very truly yours,

A handwritten signature in cursive script, appearing to read "David A. Danner".

David A. Danner
Supervisor, Organic Laboratory

DAD/mw

Enclosures

cc: Dr. William Langley, Region VI
Data Audit Staff, EMSL-LV



195918

CASE NARRATIVE: 5720/SAS2015-F

CONTRACT NO: 68-01-7022

<u>SMO #</u>	<u>NUS #</u>	<u>MATRIX</u>	<u>LEVEL</u>	<u>ANALYSIS</u>
FC 134	16040782	Water	Low	VOA only
FC 135	16040857	Water	Low	VOA/BNA/PEST
FC 136	16040783	Soil	Low	VOA/BNA/PEST
FC 137	16040784	Water	Low	VOA/BNA/PEST
FC 138	16040785	Water	Low	VOA only
FC 140	16040858 1	Water	Low	VOA/BNA/PEST
FC 142	16040786	Water	Low	VOA/BNA/PEST
FC 143	16040859	Water	Low	VOA/BNA/PEST
FC 144	16040860	Water	Low	VOA/BNA/PEST
FC 145	16040787	Water	Low	VOA/BNA/PEST
FC 146	16040861	Water	Low	VOA/BNA/PEST
FC 147	16040862	Soil	Low	VOA/BNA/PEST
FC 148	16040863	Soil	Low	VOA/BNA/PEST
FC 150	16040864	Soil	Low	VOA/BNA/PEST
FC 151	16040865	Soil	Low	VOA/BNA/PEST
FC 152	16040866 3	Soil	Low	VOA/BNA/PEST
FC 153	16040867	Soil	Low	VOA/BNA/PEST
FC 154	16040868	Soil	Low	VOA/BNA/PEST
FC 156	16040869 2	Soil	Low	VOA/BNA/PEST
FC 157	16040870	Soil	Low	VOA/BNA/PEST

1 MS & MSD done for LLW VOA/BNA/PEST

2 MS & MSD done for LLS VOA

3 MS & MSD done for LLS BNA/PEST

David L. Danner

CASE NARRATIVE: 5720/SAS2015-F

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1. Holding time requirements for the following samples were not met:

FC 138	FC 140 MSD
FC 140	FC 144
FC 140 MS	FC 146

The samples were analyzed early in the eighth day, late by 4-9 hours.

2. Sample FC 152[←] was inadvertently used as the soil matrix QC for semi-volatile and pesticides. (FC 156 designated)
3. The retention time shift for DBC on the capillary column exceeded the 0.3% limit for 5 samples on 4/18/86 and for 4 samples on 5/04/86.
4. The percent differences for the calibration factors of Endosulfan I and Methoxychlor were calculated from manual peak height determinations. This applied to mixtures run on 4/17/86 and 4/18/86 at 13:14/13:47 and 0:35/1:41 respectively. The percent difference for Methoxychlor exceeded the 15% limit. No action was taken.
5. The Evaluation Mixes A,B, and C were not run in accordance with the 72 hour sequence due to linearity failure. Additional mixes were re-run to obtain linearity.
6. Five samples were shown to have alpha Chlordane. Four of these samples were confirmed on the capillary column and shown to be negative. The other sample FC 156 (16040869) had insufficient extract to be confirmed, but due to the nature and similarity of the sample it was assumed that this sample also would be negative.
7. For samples FC 137, FC 142, and FC 145, the DBC was twice as large as it should have been, this was due to the final volume of the extract being brought to 5 ml as opposed to 10 ml.

David R. Danner